



IFWO

## RAW SEQUENCE LISTING

DATE: 08/31/2004

PATENT APPLICATION: US/10/791,618

TIME: 13:38:46

Input Set : N:\Cr3\RULE60\10791618.raw.txt

Output Set : N:\CRF4\08312004\J791618.raw

1 <110> APPLICANT: Fong, Sherman  
 2 Goddard, Audrey  
 3 Hillan, Kenneth J.  
 4 Roth, Iris  
 5 Wood, William I.  
 6 <120> TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING BOLEKINE  
 7 <130> FILE REFERENCE: P1192-2 (US)  
 8 <140> CURRENT APPLICATION NUMBER: US/10/791,618  
 9 <141> CURRENT FILING DATE: 2004-03-02  
 10 <150> PRIOR APPLICATION NUMBER: US/09/816,920  
 11 <151> PRIOR FILING DATE: 2001-03-22  
 12 <150> PRIOR APPLICATION NUMBER: US 60/064,249  
 13 <151> PRIOR FILING DATE: 1997-11-03  
 14 <150> PRIOR APPLICATION NUMBER: US 60/083,336  
 15 <151> PRIOR FILING DATE: 1998-04-27  
 16 <150> PRIOR APPLICATION NUMBER: PCT/US99/05028  
 17 <151> PRIOR FILING DATE: 1999-03-08  
 18 <150> PRIOR APPLICATION NUMBER: PCT/US00/04341  
 19 <151> PRIOR FILING DATE: 2000-02-18  
 20 <150> PRIOR APPLICATION NUMBER: PCT/US00/05841  
 21 <151> PRIOR FILING DATE: 2000-03-02  
 22 <160> NUMBER OF SEQ ID NOS: 7  
 24 <210> SEQ ID NO: 1  
 25 <211> LENGTH: 1685  
 26 <212> TYPE: DNA  
 27 <213> ORGANISM: Homo Sapien  
 28 <400> SEQUENCE: 1  
 29 gcggagacaa gcgcagagcg cagcgcacgg ccacagacag ccctgggcat 50  
 30 ccaccgacgg cgcagccgga gccagcagag ccggaaggcg cgccccgggc 100  
 31 agagaaagcc gagcagagct ggggtggcgtc tccggggccgc cgctccgacg 150  
 32 ggccagcgcc ctccccatgt ccctgctccc acgcccgcgcc cctccgggtca 200  
 33 gcatgaggct cctggcggcc gcgctgctcc tgctgctgct ggcgctgtac 250  
 34 accgcgcgtg tggacgggtc caaatgcaag tgctcccga agggacccaa 300  
 35 gatccgctac agcgacgtga agaagctgga aatgaagcca aagtaccgc 350  
 36 actgcgagga gaagatggtt atcatcacca ccaagagcgt gtccaggtac 400  
 37 cgaggtcagg agcactgcct gcaccccagg ctgcagagca ccaagcgctt 450  
 38 catcaagtgg tacaacgcct ggaacgagaa gcgcagggtc tacgaagaat 500  
 39 agggtgaaaa acctcagaag ggaactcc aaaccagttg ggagacttgt 550  
 40 gcaaaggact ttgcagatta aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 600  
 41 aaaaaaaaaa aaagcctttc tttctcacag gcataagaca caaattatat 650  
 42 attgttatga agcacttttt accaacggtc agtttttaca ttttatagct 700  
 43 gcgtgcgaaa ggcttccaga tgggagaccc atctctcttg tgctccagac 750  
 44 ttcacacag gctgcttttt atcaaaaagg ggaaaactca tgcctttcct 800

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45      ttttaaaaaa tgcttttttg tatttgtcca tacgtcacta tacatctgag 850
46      ctttataagc gcccgggagg aacaatgagc ttggtggaca catttcattg 900
47      cagtgttgct ccattcctag cttgggaagc ttccgcttag aggtcctggc 950
48      gcctcggcac agctgccacg ggctctcctg ggcttatggc cggtcacagc 1000
49      ctccagtgtga ctccacagtg gcccctgtag ccgggcaagc aggagcaggt 1050
50      ctctctgcat ctgttctctg aggaactcaa gtttggttgc cagaaaaaatg 1100
51      tgcttcattc ccccttggtt aattttttaca caccctagga aacattttcca 1150
52      agatcctgtg atggcgagac aaatgatcct taaagaaggt gtgggggtctt 1200
53      tcccaacctg aggatttctg aaagggttcac aggttcaata tttaatgctt 1250
54      cagaagcatg tgagggttccc aacactgtca gcaaaaacct taggagaaaa 1300
55      cttaaaaata tatgaatata tgcgcaatac acagctacag acacacattc 1350
56      tgttgacaag ggaaaacctt caaagcatgt ttctttccct caccacaaca 1400
57      gaacatgcag tactaaagca atatatttgt gattccccat gtaattcttc 1450
58      aatgttaaac agtgcagtc tctttcgaaa gctaagatga ccatgcgccc 1500
59      tttcctctgt acatataccc ttaagaacgc cccctccaca cactgcccc 1550
60      cagtatatgc cgcattgtac tgctgtgtta tatgctatgt acatgtcaga 1600
61      aaccattagc attgcatgca ggtttcatat tctttctaag atggaaagta 1650
62      ataaaatata ttgaaatgt aaaaaaaaaa aaaaa 1685

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64 &lt;210&gt; SEQ ID NO: 2

65 &lt;211&gt; LENGTH: 111

66 &lt;212&gt; TYPE: PRT

67 &lt;213&gt; ORGANISM: Homo Sapien

68 &lt;400&gt; SEQUENCE: 2

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69      Met Ser Leu Leu Pro Arg Arg Ala Pro Pro Val Ser Met Arg Leu
70      1          5          10          15
71      Leu Ala Ala Ala Leu Leu Leu Leu Leu Leu Ala Leu Tyr Thr Ala
72      20          25          30
73      Arg Val Asp Gly Ser Lys Cys Lys Cys Ser Arg Lys Gly Pro Lys
74      35          40          45
75      Ile Arg Tyr Ser Asp Val Lys Lys Leu Glu Met Lys Pro Lys Tyr
76      50          55          60
77      Pro His Cys Glu Glu Lys Met Val Ile Ile Thr Thr Lys Ser Val
78      65          70          75
79      Ser Arg Tyr Arg Gly Gln Glu His Cys Leu His Pro Lys Leu Gln
80      80          85          90
81      Ser Thr Lys Arg Phe Ile Lys Trp Tyr Asn Ala Trp Asn Glu Lys
82      95          100          105
83      Arg Arg Val Tyr Glu Glu
84      110

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86 &lt;210&gt; SEQ ID NO: 3

87 &lt;211&gt; LENGTH: 22

88 &lt;212&gt; TYPE: DNA

89 &lt;213&gt; ORGANISM: Artificial Sequence

90 &lt;220&gt; FEATURE:

91 &lt;223&gt; OTHER INFORMATION: Synthetic oligonucleotide probe

92 &lt;400&gt; SEQUENCE: 3

93 cagcgccttc cccatgtccc tg 22

95 &lt;210&gt; SEQ ID NO: 4

96 &lt;211&gt; LENGTH: 24

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Output Set: N:\CRF4\08312004\J791618.raw

97 <212> TYPE: DNA  
98 <213> ORGANISM: Artificial Sequence  
99 <220> FEATURE:  
100 <223> OTHER INFORMATION: Synthetic oligonucleotide probe  
101 <400> SEQUENCE: 4  
102       tcccaactgg tttggagttt tccc 24  
104 <210> SEQ ID NO: 5  
105 <211> LENGTH: 45  
106 <212> TYPE: DNA  
107 <213> ORGANISM: Artificial Sequence  
108 <220> FEATURE:  
109 <223> OTHER INFORMATION: Synthetic oligonucleotide probe  
110 <400> SEQUENCE: 5  
111       ctccggtcag catgaggctc ctggcgcccg ctgctcctgc tgctg 45  
113 <210> SEQ ID NO: 6  
114 <211> LENGTH: 19  
115 <212> TYPE: DNA  
116 <213> ORGANISM: Artificial Sequence  
117 <220> FEATURE:  
118 <223> OTHER INFORMATION: Synthetic oligonucleotide probe  
119 <400> SEQUENCE: 6  
120       agcgcacggc cacagacag 19  
122 <210> SEQ ID NO: 7  
123 <211> LENGTH: 21  
124 <212> TYPE: DNA  
125 <213> ORGANISM: Artificial Sequence  
126 <220> FEATURE:  
127 <223> OTHER INFORMATION: Synthetic oligonucleotide probe  
128 <400> SEQUENCE: 7  
129       gaccctgcgc ttctcggtcc a 21

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/791,618

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Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 6

**VERIFICATION SUMMARY**

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